

## EAST Search History

| Ref # | Hits | Search Query                              | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|---|------------------------|------------------|---------|------------------|
| S1    | 1    | "10588016"                                | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:09 |
| S3    | 20   | ((FRIEDBERT) near2 (WECHS).INV.           | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:27 |
| S4    | 20   | ((FRIEDBERT) near2 (WECHS).INV.           | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:27 |
| S5    | 13   | ((FRIEDBERT) near2 (WECHS).INV.           | EPO; JPO; DERWENT      | OR               | ON      | 2008/07/14 12:27 |
| S6    | 5    | ((ARNE) near2 (GEHLEN)).INV.              | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:27 |
| S7    | 4    | ((ARNE) near2 (GEHLEN)).INV.              | EPO; JPO; DERWENT      | OR               | ON      | 2008/07/14 12:27 |
| S8    | 2    | ((BODO) near2 (HARTEN)).INV.              | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:27 |
| S9    | 5    | ((BODO) near2 (HARTEN)).INV.              | EPO; JPO; DERWENT      | OR               | ON      | 2008/07/14 12:27 |
| S10   | 13   | ((KRUGER) near2 (RICHARD).INV.            | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:27 |
| S11   | 0    | ((KRUGER) near2 (RICHARD).INV.            | EPO; JPO; DERWENT      | OR               | ON      | 2008/07/14 12:27 |
| S12   | 6    | ((SCHUSTER) near2 (OLIVER).INV.           | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:27 |
| S13   | 18   | ((SCHUSTER) near2 (OLIVER).INV.           | EPO; JPO; DERWENT      | OR               | ON      | 2008/07/14 12:28 |
| S14   | 2    | "5505859".pn. "5683584".pn.               | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:31 |
| S15   | 1    | "6497752".pn.                             | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 12:54 |
| S16   | 3    | "5290448".pn. "5505859".pn. "5683584".pn. | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:13 |
| S17   | 117  | diapes                                    | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:19 |
| S18   | 0    | "membrana.asnm",                          | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:20 |
| S19   | 14   | membrana.asnm,                            | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:20 |
| S20   | 0    | membrana.asnm. AND polyelectro            | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:23 |
| S21   | 0    | membrana.asnm. AND polyelectro            | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:23 |
| S22   | 30   | "210" / AND polyelectro                   | US-PGPUB; USPAT; USOOR | OR               | ON      | 2008/07/14 13:23 |

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|-----|------|---|---------------------------|----|----|---------------------|
| S23 | 5    | "210"/ AND polyelectr   | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:23 |
| S24 | 3023 | "210"/ AND polyelectr\$6  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:23 |
| S25 | 141  | "210"/ AND polyelectr\$6 AND<br>(semi\$permeable OR<br>semipermeable) NEAR<br>membrane  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:24 |
| S26 | 23   | "210"/ AND polyelectr\$6 AND<br>(semi\$permeable OR<br>semipermeable) NEAR<br>membrane AND \$sulfone  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:24 |
| S27 | 56   | "210"/ AND polyelectr\$6 AND<br>(semi\$permeable OR<br>semipermeable) NEAR<br>membrane AND \$4sulfone   | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:24 |
| S28 | 7    | "210"/ AND polyelectr\$6 AND<br>(semi\$permeable OR<br>semipermeable) NEAR<br>membrane AND \$4sulfone<br>AND (hollow\$1fiber OR hollow<br>\$1fibre OR hollowfiber OR<br>hollowfibre)  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:25 |
| S29 | 1    | "6605218".pn.   | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:35 |
| S30 | 4    | ("4051300"   "4906375"  <br>"5436068"   "5762798").PN.  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:36 |
| S31 | 52   | ("3615024"   "3691068"  <br>"3763055"   "3948823"  <br>"4051300"   "4100238"  <br>"4286015"   "4351860"  <br>"4432875"   "4545910").PN.<br>OR ("4906375").URPN.                       | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:51 |
| S32 | 13   | ("3615024"   "3691068"  <br>"3763055"   "3948823"  <br>"4051300"   "4100238"  <br>"4286015"   "4351860"  <br>"4432875"   "4545910").PN.<br>OR ("4906375").URPN. AND<br>polyelectro\$6 | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:51 |
| S33 | 52   | S31 aNDpolyelectro\$6   | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:51 |
| S34 | 4    | S31 aND polyelectro\$6  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:51 |
| S35 | 4    | S31 AND polyelectro\$6  | US-PGPUB;<br>USPAT; USOOR | OR | ON | 2008/07/14<br>13:51 |

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|-----|----|---|--------------------|----|----|---------------------|
| S36 | 50 | (US-20080000828-\$ or US-20070163949-\$ or US-20070163950-\$ or US-20030070545-\$ or US-20050098494-\$ or US-20040237786-\$ or US-20050242021-\$ or US-20070157803-\$ or US-20070157812-\$ or US-20060144782-\$ or US-20010042716-\$ or US-20020038923-\$ or US-20030102309-\$ or US-20030110755-\$ or US-20060171626-\$ or US-20030109807-\$ or US-20040062910-\$ or US-20040009385-\$ or US-20030209002-\$ or US-20040149127-\$ or US-20020031652-\$ or US-20020065356-\$ or US-20030059591-\$ or US-20030160358-\$ or US-20030162647-\$ or US-20040062789-\$).did. or (US-20040157516-\$ or US-20040161996-\$ or US-20060075961-\$ or US-20070060986-\$).did. or (US-4906375-\$ or US-5578204-\$ or US-6521025-\$ or US-6616912-\$ or US-6660062-\$ or US-7166148-\$ or US-4965128-\$ or US-4798847-\$ or US-RE34296-\$ or US-4731074-\$ or US-4820293-\$ or US-4694832-\$ or US-5492838-\$ or US-5549829-\$ or US-5945002-\$ or US-6132613-\$ or US-6309550-\$ or US-6355092-\$ or US-6508056-\$ or US-6592759-\$).did. | US-PGPUB;<br>USPAT | OR | ON | 2008/07/14<br>13:54 |
| S37 | 50 | (US-20070163949-\$ or US-20070163950-\$ or US-20080000828-\$ or US-20070122904-\$ or US-20040237786-\$ or US-20050098494-\$ or US-20050242021-\$ or US-20060157404-\$ or US-20070157812-\$ or US-20070216057-\$ or US-20080058440-\$ or US-20060144782-\$ or US-20070080108-\$ or US-   | US-PGPUB;<br>USPAT | OR | ON | 2008/07/14<br>13:54 |

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|-----|------|---|------------------------|----|----|------------------|
|     |      | 20070199891-\$ or US-20040182787-\$ or US-20050006302-\$).did. or (US-5403485-\$ or US-5387345-\$ or US-5849189-\$ or US-6013182-\$ or US-5919370-\$ or US-4980069-\$ or US-5549829-\$ or US-6309550-\$ or US-4071590-\$ or US-4464321-\$ or US-4798847-\$ or US-RE34296-\$ or US-5707584-\$ or US-7247238-\$ or US-4906375-\$ or US-5762798-\$ or US-5505890-\$ or US-4935141-\$ or US-4780205-\$ or US-4935140-\$ or US-6319404-\$ or US-7291269-\$ or US-4767539-\$ or US-4861486-\$ or US-4997676-\$ or US-4402701-\$). did. or (US-5454952-\$ or US-4778603-\$ or US-4935143-\$ or US-5230796-\$ or US-5763194-\$ or US-6193883-\$ or US-6261510-\$ or US-6370943-\$).did. |                        |    |    |                  |
| S38 | 87   | S36 OR S37  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 13:54 |
| S39 | 87   | S38   | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 13:54 |
| S40 | 3    | S38 AND polyelectro\$6  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 13:54 |
| S41 | 8    | "sieving coefficient" SAME "cytochrome  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 13:56 |
| S42 | 8    | "sieving coefficient" SAME "cytochrome c"   | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 14:08 |
| S43 | 41   | "4906375"   | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 14:12 |
| S44 | 2965 | "210"/ AND polyelectrolyte  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 14:26 |
| S45 | 118  | "210"/ AND polyelectrolyte AND "hollow fiber"   | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 14:26 |
| S46 | 30   | "210"/ AND polyelectrolyte AND "hollow fiber" AND albumin   | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 14:26 |
| S47 | 1    | "10588696"  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 15:51 |
| S48 | 3    | "interior filler" SAME (polyelectrolyte)  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 16:01 |
| S49 | 30   | "210"/ AND polyelectrolyte AND (hollow WITH fiber) AND albumin  | US-PGPUB; USPAT; USOOR | OR | ON | 2008/07/14 16:02 |

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|-----|-----|--|---|----|----|------------------|
| S50 | 136 | "210"/ AND polyelectrolyte AND (hollow WITH fiber)   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:02 |
| S51 | 7   | "210"/ AND polyelectrolyte. clm. AND (hollow WITH fiber). clm.   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:02 |
| S52 | 0   | "210"/ AND polyelectrolyte. clm. AND (hollow WITH fiber). clm. AND negative.clm.                           | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:05 |
| S53 | 5   | polyelectrolyte.clm. AND (hollow WITH fiber).clm. AND (negative.clm.                                       | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:06 |
| S54 | 21  | polyelectrolyte.clm. AND (hollow WITH fiber).clm.  | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:06 |
| S55 | 3   | polyelectrolyte.clm. AND (hollow WITH fiber).clm. AND ("polycarboxylic acid"                               | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:07 |
| S56 | 8   | polyelectrolyte.clm. AND (hollow WITH fiber).clm. AND ("\$4carboxylic NEAR acid")                          | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:07 |
| S57 | 16  | polyelectrolyte.clm. AND (hollow WITH fiber).clm. AND ("\$4carboxylic NEAR acid") OR (acrylic NEAR acid))  | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:10 |
| S58 | 1   | "10588696"   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/14 16:25 |
| S59 | 1   | "5539072".pn.  | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/15 07:43 |
| S60 | 9   | "094727"   | US-PGPUB; USPAT; USOOR                    | OR | ON | 2008/07/15 10:46 |
| S61 | 35  | "094727"   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 10:47 |
| S62 | 8   | "2855233"  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 10:47 |
| S63 | 167 | (semi\$permeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic)                                   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 10:49 |
| S64 | 167 | (semi\$permeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic)                                   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 14:07 |
| S65 | 167 | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane))SAME (polyelectrolyte OR polycarboxylic) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 14:08 |

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| S66 | 167 | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic)                          | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 14:08 |
| S67 | 19  | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic).clm.                     | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 14:08 |
| S68 | 2   | "4906375".pn.   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:31 |
| S69 | 0   | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic).clm. AND fresenius.clm.  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:35 |
| S70 | 0   | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic).clm. AND fresenius.asnm. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:35 |
| S71 | 0   | ((semi\$permeable NEAR membrane) OR (semipermeable NEAR membrane) SAME (polyelectrolyte OR polycarboxylic) AND fresenius.asnm.      | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:36 |
| S72 | 366 | fresenius.asnm.   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:36 |
| S73 | 1   | fresenius.asnm. AND (hollow NEAR fiber) AND (polyelectrolyte OR polycarboxylic OR "acrylic acid")                                   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:37 |
| S74 | 7   | fresenius.asnm. AND (polyelectrolyte OR polycarboxylic OR "acrylic acid")   | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/07/15 15:38 |
| S75 | 17  | ("5476715").URPN.   | USPAT                                     | OR | ON | 2008/07/15 15:51 |

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| S76 | 15   | ("5476715").URPN, AND (polyelectrolyte OR polycarboxylic OR acrylic)   | USPAT                                     | OR | ON  | 2008/07/15 15:52 |
| S77 | 2    | "4906375".pn.  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON  | 2008/07/15 16:17 |
| S78 | 1    | "10588696"   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/16 16:58 |
| S79 | 1    | "5476715".pn.  | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 07:24 |
| S80 | 0    | "cytochrome c" SAME sieving SAME coefficient SAME "0.8"  | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 08:04 |
| S81 | 12   | "cytochrome c" SAME coefficient SAME "0.8"   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 08:04 |
| S82 | 13   | "cytochrome" SAME coefficient SAME "0.8"   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 08:12 |
| S83 | 1    | "10588696"   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:05 |
| S84 | 963  | 210/500.23.ccls.   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:06 |
| S85 | 577  | 210/500.27.ccls.   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:06 |
| S86 | 462  | 210/500.42.ccls.   | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:07 |
| S87 | 26   | S84 AND S85 AND S86  | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:07 |
| S88 | 1736 | S84 S85 S86  | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:07 |
| S89 | 72   | S88 AND polyelectrolyte  | US-PGPUB; USPAT; USOOR                    | OR | ON  | 2008/07/17 09:07 |
| S90 | 4    | "2855233"  | US-PGPUB; USPAT; USOOR; JPO               | OR | ON  | 2008/07/17 09:17 |
| S91 | 8    | "2855233"  | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON  | 2008/07/17 09:17 |
| S92 | 11   | (US-6497752-\$ or US-4906375-\$ or US-3948823-\$ or US-4286015-\$ or US-4351860-\$ or US-5683584-\$ or US-5919370-\$ or US-4014798-\$ or US-4125462-\$ or US-5100673-\$ or US-5476715-\$).did. | USPAT                                     | OR | OFF | 2009/01/27 11:17 |
| S93 | 0    | S92 AND "no additives"   | USPAT                                     | OR | OFF | 2009/01/27 11:18 |
| S94 | 1467 | hydrophilic AND fiber AND thickness AND albumin  | USPAT                                     | OR | OFF | 2009/01/27 11:18 |

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| S95  | 505  | hydrophilic AND fiber AND thickness AND albumin AND pores  | USPAT  | OR | OFF | 2009/01/27 11:19 |
| S96  | 1236 | hydrophilic AND fiber AND thickness AND albumin AND pores  | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 11:19 |
| S97  | 189  | hydrophilic AND fiber AND thickness AND albumin AND pores AND cytochrome   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 11:19 |
| S98  | 177  | hydrophilic AND fiber AND thickness AND albumin AND pores AND cytochrome AND synthetic   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 11:19 |
| S99  | 32   | hydrophilic AND fiber AND thickness AND albumin AND pores AND cytochrome AND synthetic AND polysulfon\$  | USPAT  | OR | OFF | 2009/01/27 11:21 |
| S100 | 18   | ("3855122"   "4207182"   "4976859"   "5028337").PN. OR ("5246582").URPN.   | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 11:35 |
| S101 | 1    | "10588696"   | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 12:12 |
| S102 | 1    | "10588695"   | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 14:08 |
| S103 | 61   | "210"\$/cds. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid) and (hollow adj (fiber filament yarn) capillary)                | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 14:18 |
| S104 | 0    | "210"\$/cds. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid) and (hollow adj (fiber filament yarn) capillary) AND cytochrome | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 14:18 |

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| S105 | 0  | "210"/\$.ccls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polyelectrolyte polysulfonic ADJ acid) and (hollow adj (fiber filament yarn) capillary) AND cytochrome | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 14:19 |
| S106 | 28 | "305787"   | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 14:43 |
| S107 | 59 | "305787"   | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/01/27 14:44 |
| S108 | 1  | "6565782".pn.  | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 15:04 |
| S109 | 49 | "210"/\$.ccls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid) and (hollow adj (fiber filament yarn capillary))  | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 15:05 |
| S110 | 61 | "210"/\$.ccls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid) and (hollow adj (fiber filament yarn) capillary)  | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 15:06 |
| S111 | 0  | "210"/\$.ccls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid) and (hollow adj (fiber filament yarn) capillary) AND cytochrome                                       | US-PGPUB; USPAT; USOOR                                   | OR | OFF | 2009/01/27 15:06 |

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|------|----|---|------------------------|----|-----|------------------|
| S112 | 0  | "210"/\$.cls. and polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polysulfonic adj acid polycarboxylic polyelectrolyte polyphosphoric) and (hollow adj (fiber filament yarn) capillary) AND cytochrome | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/01/27 15:07 |
| S113 | 28 | polysulfone and membrane and (polyvinylpyrrolidone PVP polyvinyl adj pyrrolidone) and (polyacrylic adj acid acrylicacid acrylic adj acid polyacrylicacid polysulfonic adj acid polycarboxylic polyelectrolyte polyphosphoric) and (hollow adj (fiber filament yarn) capillary) AND cytochrome                   | US-PGPUB; USPAT; USOOR | OR | OFF | 2009/01/27 15:07 |
| S114 | 1  | "6565782".pn.   | US-PGPUB; USPAT; USOOR | OR | ON  | 2009/01/29 14:25 |
| S115 | 1  | "10588696"  | US-PGPUB; USPAT; USOOR | OR | ON  | 2009/01/29 14:28 |

1/29/2009 3:30:42 PM

C:\Documents and Settings\mchristian\My Documents\EAST\Workspaces\10588696 - hollow fiber PVP PES and polyelectrolyte.wsp